

Texas Department of Transportation

P.O. BOX 133067 • DALLAS, TEXAS 75313-3067 • (214) 320-6100

February 26, 2010

Control: 2980-01
Highway: FM 2934
County: Denton

Paul Knippel, P.E.
Dir. Of Engineering Services
City of Frisco
6101 Frisco Square Blvd, 3rd Floor
Frisco, Texas 75034

Subject: Speed Zones

Dear Mr. Knippel:

Attached for your information and further handling is a computer printout of the speed zone study on FM 2934 in the City of Frisco after the reconstruction to a 6 lane divided section. We believe the recommended speeds will correspond closely to the speeds at which the normal and prudent driver will drive under the existing conditions.

Attached for your information is a sample speed zone ordinance that might serve as a guide in the preparation of your speed zone ordinance. We will also furnish and install the necessary signs at the proper locations upon receipt of the signed ordinance from the City of Frisco establishing the new speed limits. If the attached strip map matches a current ordinance, please notify our office of this as well, so we will not pursue a Commission Minute

We appreciate the interest you have shown and the cooperation you have given. If we may be of further assistance, please feel free to contact Ms. Roxanne Cortez, P.E. at the above address or by telephone at 214-320-6621.

Sincerely,

Melanie Young, P.E.
District Transportation Operations Engineer

Attachments



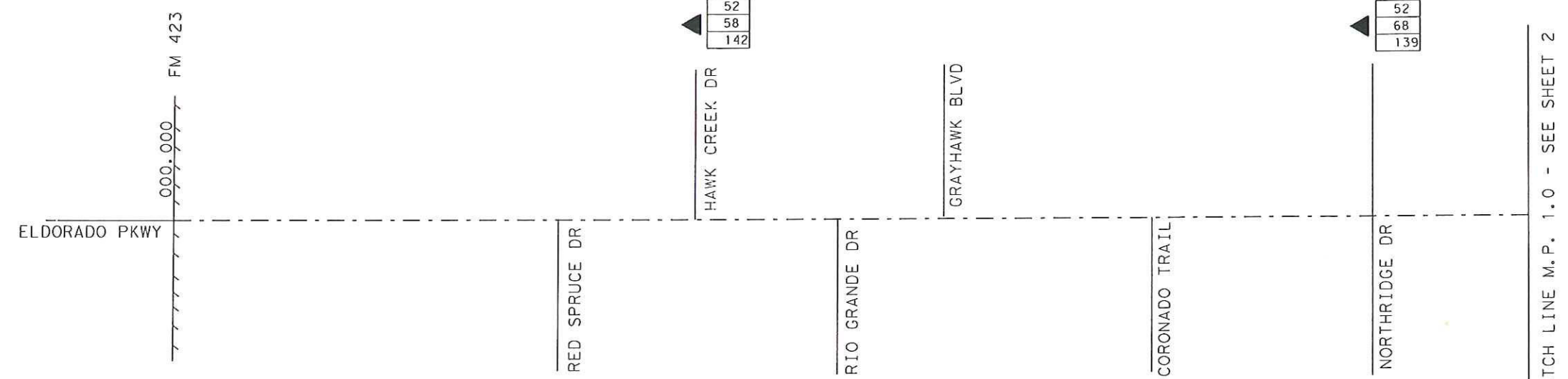
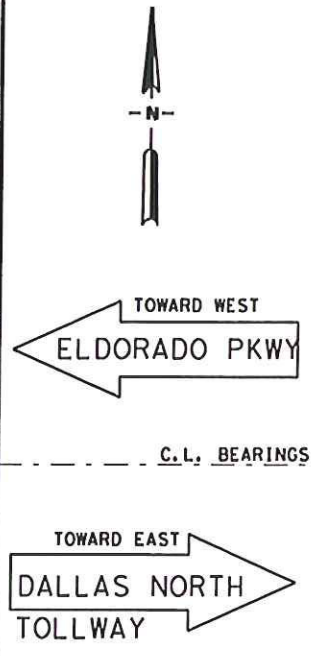
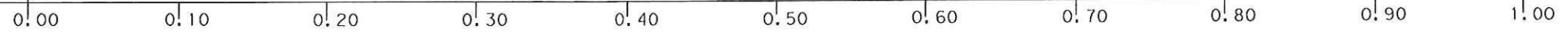
THE TEXAS PLAN

REDUCE CONGESTION • ENHANCE SAFETY • EXPAND ECONOMIC OPPORTUNITY • IMPROVE AIR QUALITY
INCREASE THE VALUE OF OUR TRANSPORTATION ASSETS

An Equal Opportunity Employer

FM 2934

DEVELOPMENT	BUSINESS	RESIDENTIAL
RES. SIGHT DISTANCE		
BALL BANK OR ADVISORY SPEED		
CURVES OVER 2°		
GRADES OVER 3%		
SURFACE WIDTH AND TYPE	DIVIDED 3 LANE ROAD WITH NO SHOULDER	
R.O.W. AND RDBD. WIDTH		
ACCIDENTS		
ZONE LENGTHS (MILES)	2.810	
ZONE SPEEDS (M.P.H.)	50	



52
58
142

52
68
139

52
64
147

50
56
147

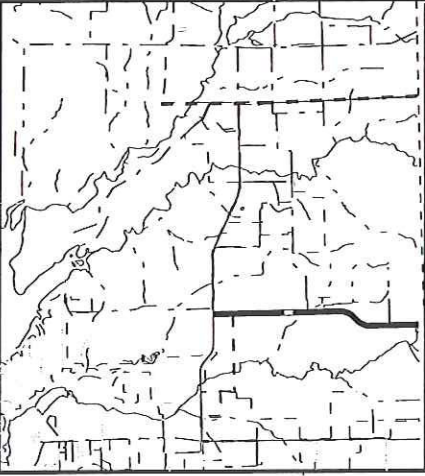
ZONE SPEEDS (M.P.H.)	50
ZONE LENGTHS (MILES)	2.810
ACCIDENTS	
R.O.W. AND RDBD. WIDTH	
SURFACE WIDTH AND TYPE	DIVIDED 3 LANE ROAD WITH NO SHOULDER
GRADES OVER 3%	
CURVES OVER 2°	
BALL BANK OR ADVISORY SPEED	
RES. SIGHT DISTANCE	
DEVELOPMENT	BUSINESS RESIDENTIAL

DISTRICT: DALLAS COUNTY: DENTON
HIGHWAY: FM 2934 CITY: FRISCO
DATE OF STUDY 01-22-10 SCALE 1" = 0.1 MILES

MINUTE NO. : _____ DATE ____/____/____
REPLACES : _____ DATE ____/____/____
REPLACED BY : _____ DATE ____/____/____
CANCELLED BY : _____ DATE ____/____/____

LIMITS OF ZONE							
SECTION ONE		LENGTH --- MILES		SECTION TWO		LENGTH --- MILES	
BEGINS	STA. OR M.P.	CONT. AND SECT.	PROJECT	BEGINS	STA. OR M.P.	CONT. AND SECT.	PROJECT
	0 + 00						
	MP 0.000				MP		
ENDS	STA. OR M.P.	CONT. AND SECT.	PROJECT	ENDS	STA. OR M.P.	CONT. AND SECT.	PROJECT
	0 + 00						
	MP 0.000				MP		

- 42 85 PERCENTILE SPEED
62 TOP SPEED MEASURED
125 NUMBER OF CARS CHECKED
- FATAL ACCIDENT
 - PERSONAL INJURY ACCIDENT
 - PROPERTY DAMAGE ACCIDENT
- INDICATES SECTION ZONED BY COMMISSION MINUTE
- SIGNALIZED INTERSECTION
- TRIAL RUN



SPEED ZONE

CONT. 2980 SEC. 01



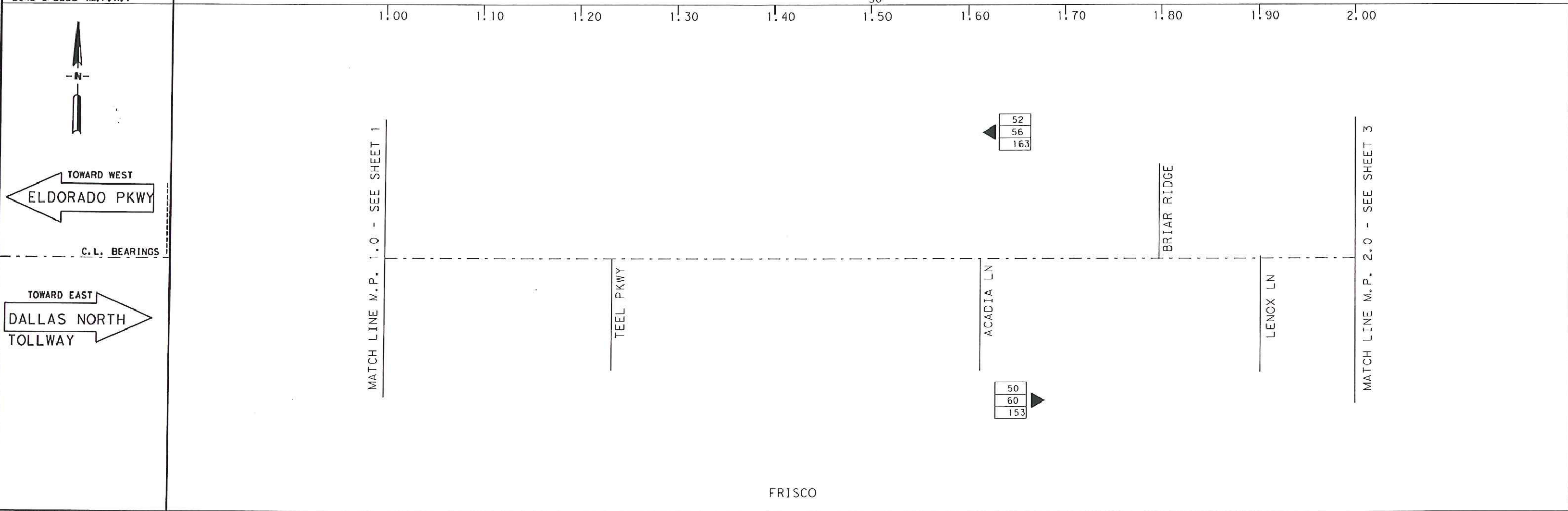
SHEET 1 OF 3

Texas Department of Transportation

SPEED STUDY
DENTON COUNTY
FM 2934: FM 423 TO DALLAS
NORTH TOLLWAY

DESIGN TEAM	FED. PROJ. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
			1
CHECKED	STATE	SECTION	HIGHWAY
	TEXAS	18	DENTON
	CONTROL NO.	JOB NO.	FM 2934

DEVELOPMENT	RESIDENTIAL
RES. SIGHT DISTANCE	
BALL BANK OR ADVISORY SPEED	
CURVES OVER 2°	
GRADES OVER 3%	
SURFACE WIDTH AND TYPE	DIVIDED 3 LANE ROAD WITH NO SHOULDER
R.O.W. AND RDBD. WIDTH	
ACCIDENTS	
ZONE LENGTHS (MILES)	2.810
ZONE SPEEDS (M.P.H.)	50

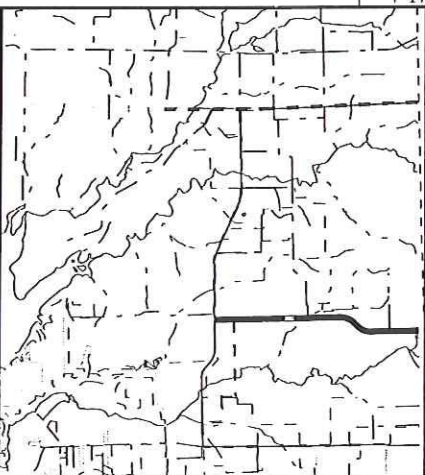


ZONE SPEEDS (M.P.H.)	50
ZONE LENGTHS (MILES)	2.810
ACCIDENTS	
R.O.W. AND RDBD. WIDTH	
SURFACE WIDTH AND TYPE	DIVIDED 3 LANE ROAD WITH NO SHOULDER
GRADES OVER 3%	
CURVES OVER 2°	
BALL BANK OR ADVISORY SPEED	
RES. SIGHT DISTANCE	
DEVELOPMENT	RESIDENTIAL

DISTRICT: DALLAS	COUNTY: DENTON	MINUTE NO. : _____	DATE : __/__/__
HIGHWAY: FM 2934	CITY: FRISCO	REPLACES : _____	DATE : __/__/__
DATE OF STUDY: 01-22-10	SCALE 1" = 0.1 MILES	REPLACED BY : _____	DATE : __/__/__
		CANCELLED BY : _____	DATE : __/__/__

LIMITS OF ZONE			
SECTION ONE	LENGTH	SECTION TWO	LENGTH
BEGINS	STA. OR M.P. CONT. AND SECT. PROJECT	BEGINS	STA. OR M.P. CONT. AND SECT. PROJECT
ENDS	STA. OR M.P. CONT. AND SECT. PROJECT	ENDS	STA. OR M.P. CONT. AND SECT. PROJECT

- 42 85 PERCENTILE SPEED
- 62 TOP SPEED MEASURED
- 125 NUMBER OF CARS CHECKED
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- PROPERTY DAMAGE ACCIDENT
- INDICATES SECTION ZONED BY COMMISSION MINUTE
- SIGNALIZED INTERSECTION
- TRIAL RUN



SPEED ZONE
CONT. 2980 SEC. 01

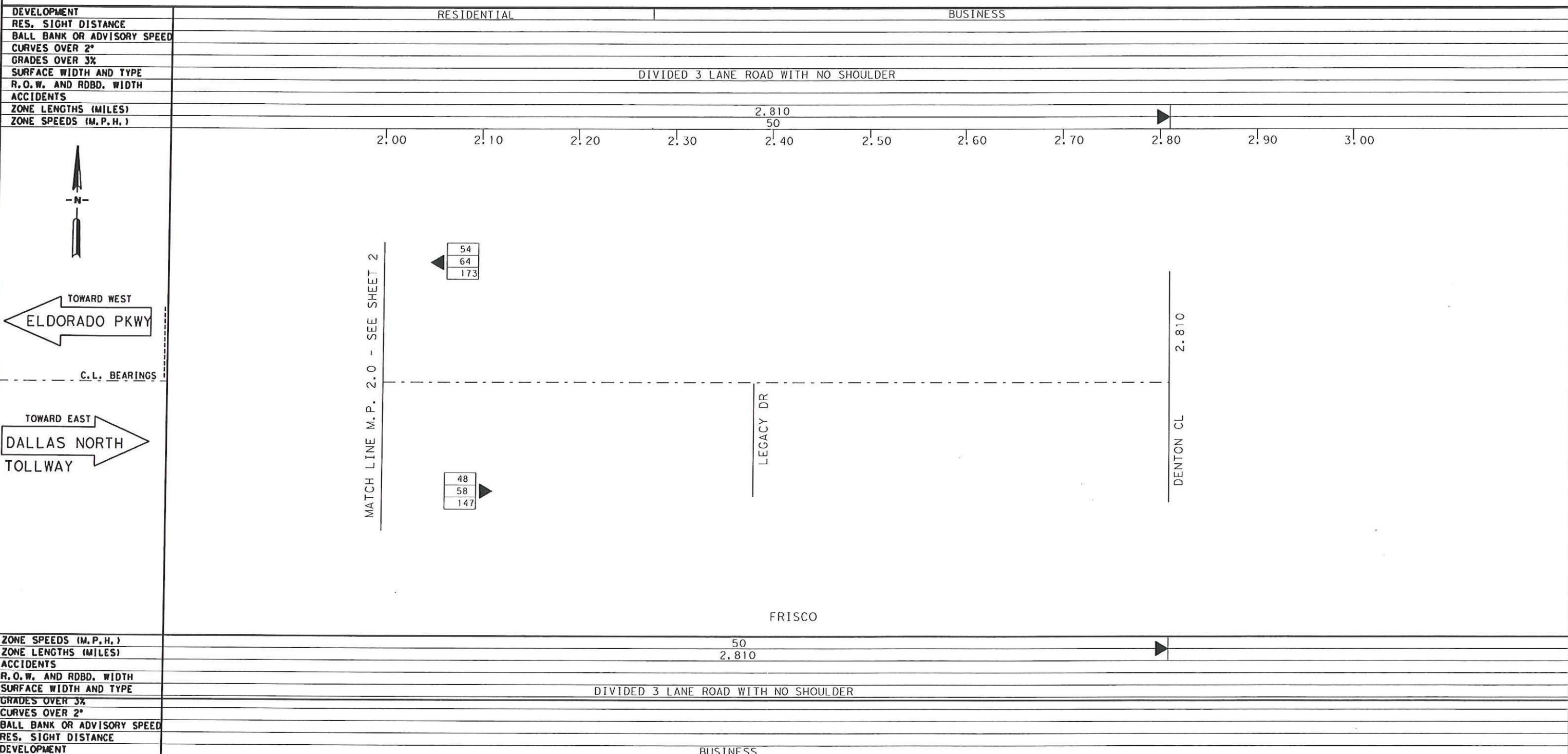
STATE OF TEXAS
FELICIA R. CORTEZ
101035
PROFESSIONAL ENGINEER

SHEET 2 OF 3
Texas Department of Transportation

SPEED STUDY
DENTON COUNTY
FM 2934: FM 423 TO DALLAS
NORTH TOLLWAY

DESIGN TEAM	FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
	STATE	SECTION NO.	2
CHECKED	CONTROL NO.	JOB NO.	HIGHWAY NO.
			FM 2934

FM 2934



DISTRICT: DALLAS COUNTY: DENTON

HIGHWAY: FM 2934 CITY: FRISCO

DATE OF STUDY: 01-22-10 SCALE 1" = 0.1 MILES

MINUTE NO. : _____ DATE ____/____/____

REPLACES : _____ DATE ____/____/____

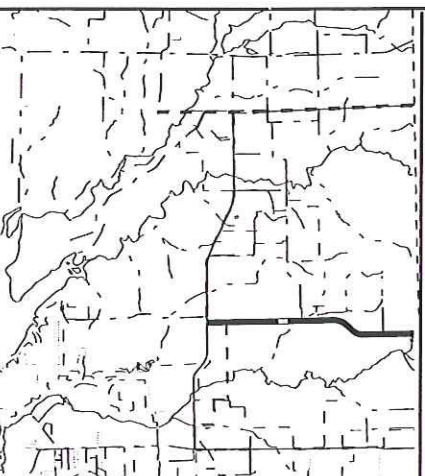
REPLACED BY : _____ DATE ____/____/____

CANCELLED BY : _____ DATE ____/____/____

LIMITS OF ZONE

SECTION ONE				SECTION TWO			
LENGTH		MILES		LENGTH		MILES	
BEGINS	STA. OR M.P.	CONT. AND SECT.	PROJECT	BEGINS	STA. OR M.P.	CONT. AND SECT.	PROJECT
	0 + 00						
	MP 0.000				MP		
ENDS	STA. OR M.P.	CONT. AND SECT.	PROJECT	ENDS	STA. OR M.P.	CONT. AND SECT.	PROJECT
	0 + 00						
	MP 0.000				MP		

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- TRIAL RUN



SPEED ZONE

CONT. 2980 SEC. 01



SHEET 3 OF 3

Texas Department of Transportation

SPEED STUDY

DENTON COUNTY

FM 2934: FM 423 TO DALLAS

NORTH TOLLWAY

DESIGN TEAM	FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
			3

STATE	STATE DIST. NO.	COUNTY
TEXAS	10	DENTON

CONTROL NO.	SECTION NO.	JOB NO.	HIGHWAY NO.
			FM 2934